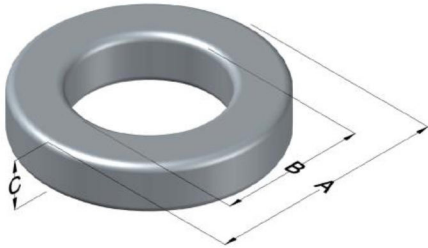




0078439A7X2

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XFlux Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
60	270 \pm 8%	XXXXXX	78439A7X2	N/A	Brown

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	46.74	1.840	47.63	1.875	max	Cardboard cut-outs Box Qty= TBD
ID (B)	24.13	0.950	23.32	0.918	min	
HT (C)	36.50	1.437	37.33	1.476	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 50 kHz, 100mT max (mW/cm ³)	DC Bias min (oersteds)		Voltage Breakdown wire to wire min (V _{AC})	Break Strength min (kg)	Window Area W _A (mm ²)	Cross Section A _e (mm ²)	Path Length L _e (mm)	Volume V _e (mm ³)	Weight (g)
	80%	50%							
725	80	150	3000	233	427	402	107	42,600	298

Winding Information					Temperature Rating	
Winding Length Per Turn				Wound Coil Dimensions (mm)		Curie Temp: 500°C
Winding Factor	(mm)	Winding Factor	(mm)	40% Winding Factor		Coating Temp (Continuous up to): 200°C
				OD	51.2	Notes: 2 PIECES OF 78439 CORES COATED TOGETHER
0%	98.3	40%	110	HT	44.0	
				Completely Full Window		
20%	104	45%	112	Max HT	56.7	
25%	106	50%	114	Surface Area (mm ²)		
30%	107	60%	117	Unwound Core		
35%	109	70%	121	40% Winding Factor		

Typical DC Bias Performance

